Riding the wave of information technology
SINCE 1992
WE BUILD AND MANAGE SOFTWARE SOLUTIONS
WHY YOU SHOULD TALK TO US...

INTEGRATION
CUSTOMER
CONNECTION
INFORMATION

subscriber experience
VAS provisioning & charging
mobile financial services

DECOS
| PAPERLESS DIGITAL WORKPLACE
| DOCUMENTS & WORKFLOWS

IBM Cognos Analytics
Business Intelligence
ARE YOU READY?
DATABASE WITH SPECIAL ABILITIES
A database with **special abilities**!

1. Distributed network of database clones
2. Uses cryptography to
   - Secure access & identity of authors
   - Ensure committed records cannot be tampered with
SHORT VIDEO ON BLOCKCHAIN
WHAT ELSE?
CITIZEN IDENTITY
CITIZEN DOCUMENTATION

- birth certificate
- Proof of Citizenship
- baptism certificate
- Pasport
- Country ID
- Kindergarten diploma
- Register for school
- Sports clubs
- Bank account
- Driver license
- Car registration
- Land & Home
- Taxes
- Health care
- Etc etc
BUILDING IDENTITY
LET’S REVIEW
IDENTITY RECORDS OF CITIZENS

Citizen?
• Person belonging to a community
• As a member entitled to rights and privileges and owing allegiance to it
• Requires: record of membership to

Users of citizen records
• Governments and its institutions
• Big Businesses (e.g. Banks; Telcos; Utility, Insurance)
• Small Business (e.g. Clubs; Schools; Venues)
• Other citizens
LET’S REVIEW
IDENTITY RECORDS OF CITIZENS

WHAT’S THE CHALLENGE?

• Hard copy
  • Lost, expire, break

• In consistencies
  • Name, marital status

• Privacy
  • Marital status
  • Nationality
  • Date and place of birth

• Ownership
  • create, change, terminate
CONSIDERATIONS

WOULDN’T IT BE GREAT IF...

• No hard copy
• Automatically up-to-date and consistent
• You decide who can see what and when
• You always own your records
CITIZEN IDENTITY ON BLOCKCHAIN
HOW COULD IT WORK?

Citizen Identity
Blockchain

Self-Sovereign Identity
The Path to Self-Sovereign Identity
April 25 2016 - 4200 Words
by Christopher Allen

Today I head out to a month-long series of events associated with identity: I’m starting with the 22nd (!) Internet Identity Workshop next week; then I’m speaking at the blockchain conference Consensus about identity; next I am part of the team putting together the first ID2020 Summit on Digital Identity at the United Nations; and finally I’m hosting the second #RebootingWebOfTrust design workshop on decentralized identity.

At all of these events I want to share a vision for how we can enhance the ability of digital identity to enable trust while preserving individual privacy. This vision is what I call “Self-Sovereign Identity”. 

http://bitly.com/PathSelfSovereign
A global partnership committed to improving lives through digital identity.

Digital identity must be:

- **Personal** – unique to you and only you
- **Persistent** – lives with you from life to death
- **Portable** – accessible anywhere you happen to be
- **Private** – only you can give permission to use or view data

http://id2020.org
CITIZEN IDENTITY ON BLOCKCHAIN
ROLE FOR TELECOM

• Storage records and claims of identities in a distributed yet connected system
• Access through personal telecom devices
• Information exchange through telecom networks

HOW WILL YOU RESPOND?
ARE YOU READY FOR BLOCKCHAIN?
Riding the wave of Technology...